

REMARKS

This Amendment is being made in order to specifically include claims directed to measuring chemical activity of molecules of a single species by utilizing substrates corresponding to the single species. Recitation of this feature has been incorporated into claims otherwise similar to claims presented throughout the prosecution of parent applications.

Claims 95 through 102 further include a variety of features that the inventor set forth in a declaration as being distinct from the details of the article to Luzzi et al., of which she was a co-author.

Specifically, claim 95 recites the steps of separating and detecting, the details of which the article to Luzzi fails to adequately provide. Claim 96 additionally recites that the method of his for mammalian cells, which is different from the method performed on oocytes.

Claim 97 recites the steps of stopping the reaction and detecting. The disclosure in the article to Luzzi is deficient in providing these steps. Claim 98 recites that the labels incorporated fluorescence. Fluorescent labels together with the detecting recited in Claim 97 goes beyond what was achieved by Luzzi et al.

Claim 99 recites that the substrate is labeled and altered and includes a means for isolating and detecting. Claim 100 has a means for separating. Claim 101 has an interrupter for stopping the chemical reaction which was not adequately addressed in Luzzi et al. Claim 102 once again recites the mammalian cell.

No new matter has been added. Therefore entry of the amendment and consideration along with the originally filed application is requested.

Claims 1-47 were originally filed with the application and have been cancelled without prejudice to pursue the added claims. Claims 48-102 have been added by this amendment. Thus, Claims 48-102 are pending in this case. Examination and consideration of the application and claims 48-102 are respectfully requested.

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on

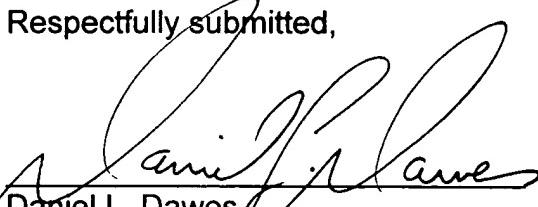
August 28, 2002

by Nancy McElrath

Nancy U. McElrath 8-28-02
Signature

August 28, 2002

Respectfully submitted,


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Claims 48-102 have been added.